

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--------------------|------------------|---------|------------------|
| L1 | 25 | ("deep packet processing") | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L2 | 16 | ("data moving unit") | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L3 | 8689 | ((370/389) or (370/394) or (370/395.1) or (370/395.32) or (370/395.62) or (370/395.7) or (370/395.71) or (370/412) or (370/413) or (370/419) or (370/422) or (370/426) or (370/428) or (370/429)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L4 | 3312 | (370/389).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L5 | 703 | (370/394).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L6 | 1035 | (370/395.1).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L7 | 148 | (370/395.32).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L8 | 93 | (370/395.62).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L9 | 240 | (370/395.7).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L10 | 131 | (370/395.71).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L11 | 1991 | (370/412).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L12 | 337 | (370/413).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L13 | 527 | (370/419).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L14 | 255 | (370/422).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L15 | 141 | (370/426).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L16 | 820 | (370/428).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L17 | 462 | (370/429).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |

EAST Search History

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|-----|-------|--|------------------------------|----|----|------------------|
| L18 | 12653 | ((Switch) or (router) or (bridge) or (brouter)) AND ((input) adj ((buffer) or (queue))) AND ((output) adj ((buffer) or (queue))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L19 | 652 | L18 and L3 | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L20 | 6564 | ((Switch) or (router) or (bridge) or (brouter)) AND ((input) adj ((buffer) or (queue))) AND ((output) adj ((buffer) or (queue))) AND ((compress\$3) or (decompress\$3) or (encrypt\$3) or (filter\$3) or (classif\$7) or (search\$3) or ((parallel) adj (precess\$3))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L21 | 362 | L20 and L3 | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L22 | 4434 | ((Switch) or (router) or (bridge) or (brouter)) AND ((input) adj ((buffer) or (queue))) AND ((output) adj ((buffer) or (queue))) AND ((compress\$3) or (decompress\$3) or (encrypt\$3) or (filter\$3) or (classif\$7) or (search\$3) or ((parallel) adj (precess\$3))) AND (sequence) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L23 | 229 | L22 and L3 | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L24 | 74 | ((Switch) or (router) or (bridge) or (brouter)) AND ((input) adj ((buffer) or (queue))) AND ((output) adj ((buffer) or (queue))) AND ((compress\$3) or (decompress\$3) or (encrypt\$3) or (filter\$3) or (classif\$7) or (search\$3) or ((parallel) adj (precess\$3))) AND (((packet) or (frame)) adj (sequence) adj (number)) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L25 | 7 | ("5309435" "6147996" "6351454" "6493347" "6519248" "6654374" "6711357").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/13 04:39 |
| L26 | 0 | ("6876657").URPN. | USPAT | OR | ON | 2006/03/13 04:39 |
| L27 | 8 | (US-20030021269-\$).did. or (US-5819290-\$ or US-6467029-\$ or US-6505213-\$ or US-6651099-\$ or US-6876657-\$ or US-6711357-\$ or US-6351454-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |

EAST Search History

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|-----|-------|---|--------------------|----|-----|------------------|
| L28 | 8689 | ((370/389) or (370/394) or (370/395.1) or (370/395.32) or (370/395.62) or (370/395.7) or (370/395.71) or (370/412) or (370/413) or (370/419) or (370/422) or (370/426) or (370/428) or (370/429)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L29 | 3312 | (370/389).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L30 | 703 | (370/394).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L31 | 1035 | (370/395.1).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L32 | 148 | (370/395.32).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L33 | 93 | (370/395.62).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L34 | 240 | (370/395.7).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L35 | 131 | (370/395.71).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L36 | 1991 | (370/412).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L37 | 337 | (370/413).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L38 | 527 | (370/419).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L39 | 255 | (370/422).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L40 | 141 | (370/426).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L41 | 820 | (370/428).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L42 | 462 | (370/429).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L43 | 12653 | ((Switch) or (router) or (bridge) or (brouter)) AND ((input) adj ((buffer) or (queue))) AND ((output) adj ((buffer) or (queue))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L44 | 652 | L43 and L28 | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |

EAST Search History

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|-----|------|--|------------------------|----|----|------------------|
| L45 | 6564 | ((Switch) or (router) or (bridge) or (brouter)) AND ((input) adj ((buffer) or (queue))) AND ((output) adj ((buffer) or (queue))) AND ((compress\$3) or (decompress\$3) or (encrypt\$3) or (filter\$3) or (classif\$7) or (search\$3) or ((parallel) adj (precess\$3))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L46 | 362 | L45 and L28 | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L47 | 4434 | ((Switch) or (router) or (bridge) or (brouter)) AND ((input) adj ((buffer) or (queue))) AND ((output) adj ((buffer) or (queue))) AND ((compress\$3) or (decompress\$3) or (encrypt\$3) or (filter\$3) or (classif\$7) or (search\$3) or ((parallel) adj (precess\$3))) AND (sequence) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L48 | 229 | L47 and L28 | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L49 | 0 | ("6876657").URPN. | USPAT | OR | ON | 2006/03/13 04:39 |
| L50 | 25 | ("deep packet processing") | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L51 | 16 | ("data moving unit") | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L52 | 74 | ((Switch) or (router) or (bridge) or (brouter)) AND ((input) adj ((buffer) or (queue))) AND ((output) adj ((buffer) or (queue))) AND ((compress\$3) or (decompress\$3) or (encrypt\$3) or (filter\$3) or (classif\$7) or (search\$3) or ((parallel) adj (precess\$3))) AND (((packet) or (frame)) adj (sequence) adj (number)) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L53 | 7 | ("5309435" "6147996" "6351454" "6493347" "6519248" "6654374" "6711357").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/13 04:39 |
| L54 | 8 | (US-20030021269-\$).did. or (US-5819290-\$ or US-6467029-\$ or US-6505213-\$ or US-6651099-\$ or US-6876657-\$ or US-6711357-\$ or US-6351454-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L55 | 25 | ("deep packet processing") | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |

EAST Search History

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|-----|-------|---|--------------------|----|-----|------------------|
| L56 | 25 | ("deep packet processing") | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L57 | 25 | ((deep) adj (packet\$1) adj (process\$3)) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L58 | 25 | ((deep) adj (packet\$1)) near1 (process\$3) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L59 | 38 | ((deep) adj (packet\$1)) near2 (process\$3) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L60 | 25 | ((deep) adj (packet\$1)) near1 (process\$3) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L61 | 38 | ((deep) adj (packet\$1)) near2 (process\$3) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L62 | 8689 | ((370/389) or (370/394) or (370/395.1) or (370/395.32) or (370/395.62) or (370/395.7) or (370/395.71) or (370/412) or (370/413) or (370/419) or (370/422) or (370/426) or (370/428) or (370/429)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L63 | 7 | L61 and L62 | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L64 | 23992 | ((packet\$1) near2 (process\$3)) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L65 | 607 | ((("internet protocol") or ("IP")) adj ((packet\$1) near2 (process\$3))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L66 | 102 | ((("transport control protocol") or ("TCP")) adj ((packet\$1) near2 (process\$3))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L67 | 84 | ((("transport control protocol/internet protocol") or ("TCP/IP")) adj ((packet\$1) near2 (process\$3))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L68 | 16 | L65 and L66 | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L69 | 39 | ((("user datagram protocol") or ("UDP")) adj ((packet\$1) near2 (process\$3))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L70 | 5 | ((("user datagram protocol/internet protocol") or ("UDP/IP")) adj ((packet\$1) near2 (process\$3))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L71 | 710 | L65 or L66 or L67 or L69 or L70 | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L72 | 118 | L71 and L62 | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |

EAST Search History

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|-----|--------|---|--------------------|----|-----|------------------|
| L73 | 625 | ((("internet protocol") or ("IP")) adj (((packet\$1) or (frame\$1)) near2 (process\$3))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L74 | 112 | ((("transport control protocol") or ("TCP")) adj (((packet\$1) or (frame\$1)) near2 (process\$3))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L75 | 86 | ((("transport control protocol/internet protocol") or ("TCP/IP")) adj (((packet\$1) or (frame\$1)) near2 (process\$3))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L76 | 42 | ((("user datagram protocol") or ("UDP")) adj (((packet\$1) or (frame\$1)) near2 (process\$3))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L77 | 5 | ((("user datagram protocol/internet protocol") or ("UDP/IP")) adj (((packet\$1) or (frame\$1)) near2 (process\$3))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L78 | 738 | L73 or L74 or L75 or L76 or L77 | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L79 | 124 | L78 and L62 | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L80 | 1 | ("6335935").PN. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L81 | 158083 | ((("internet protocol") or ("IP") or ("transport control protocol") or ("TCP") or ("transport control protocol/internet protocol") or ("TCP/IP") or ("user datagram protocol") or ("UDP") or ("user datagram protocol/internet protocol") or ("UDP/IP")) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L82 | 57283 | (((packet\$1) or (frame\$1)) near2 (process\$3)) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L83 | 13 | (((upper) ADJ ((layer) or (level)) ADJ ((packet\$1) or (frame\$1))) near2 (process\$3)) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L84 | 15 | (((multi) ADJ ((layer) or (level)) ADJ ((packet\$1) or (frame\$1))) near2 (process\$3)) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L85 | 61 | ((((level) or (layer)) ADJ (("5") or ("4") or ("3") or ("2")) ADJ ((packet\$1) or (frame\$1))) near2 (process\$3)) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L86 | 89 | L83 or L84 or L85 | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L87 | 12 | L86 and L62 | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |

EAST Search History

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|------|-------|--|--------------------|----|-----|------------------|
| L88 | 70 | L86 and L81 | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L89 | 89 | L83 or L84 or L85 | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L90 | 20091 | ((370/229) or (370/230) or (370/230.1) or (370/359) or (370/360) or (370/389) or (370/392) or (370/394) or (370/395.1) or (370/395.31) or (370/395.32) or (370/395.5) or (370/395.62) or (370/395.7) or (370/395.71) or (370/396) or (370/397) or (370/398) or (370/399) or (370/400) or (370/409) or (370/410) or (370/412) or (370/413) or (370/414) or (370/415) or (370/416) or (370/417) or (370/418) or (370/419) or (370/422) or (370/426) or (370/428) or (370/429) or (370/464) or (370/465) or (370/466) or (370/469) or (370/474) or (370/475)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L91 | 1118 | (370/229).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L92 | 1316 | (370/230).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L93 | 222 | (370/230.1).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L94 | 287 | (370/359).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L95 | 599 | (370/360).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L96 | 3312 | (370/389).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L97 | 1923 | (370/392).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L98 | 703 | (370/394).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L99 | 1035 | (370/395.1).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L100 | 259 | (370/395.31).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L101 | 148 | (370/395.32).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |

EAST Search History

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|------|------|--------------------|--------------------|----|-----|------------------|
| L102 | 287 | (370/395.5).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L103 | 93 | (370/395.62).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L104 | 240 | (370/395.7).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L105 | 131 | (370/395.71).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L106 | 320 | (370/396).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L107 | 579 | (370/397).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L108 | 230 | (370/398).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L109 | 336 | (370/399).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L110 | 1334 | (370/400).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L111 | 338 | (370/409).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L112 | 674 | (370/410).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L113 | 1991 | (370/412).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L114 | 337 | (370/413).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L115 | 138 | (370/414).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L116 | 115 | (370/415).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L117 | 109 | (370/416).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L118 | 89 | (370/417).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L119 | 105 | (370/418).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L120 | 527 | (370/419).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L121 | 255 | (370/422).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L122 | 141 | (370/426).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L123 | 820 | (370/428).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |

EAST Search History

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|------|-------|---|--------------------|----|-----|------------------|
| L124 | 462 | (370/429).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L125 | 203 | (370/464).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L126 | 1799 | (370/465).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L127 | 1790 | (370/466).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L128 | 869 | (370/469).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L129 | 1394 | (370/474).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L130 | 395 | (370/475).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L131 | 36 | L86 and L90 | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:39 |
| L132 | 20091 | ((370/229) or (370/230) or (370/230.1) or (370/359) or (370/360) or (370/389) or (370/392) or (370/394) or (370/395.1) or (370/395.31) or (370/395.32) or (370/395.5) or (370/395.62) or (370/395.7) or (370/395.71) or (370/396) or (370/397) or (370/398) or (370/399) or (370/400) or (370/409) or (370/410) or (370/412) or (370/413) or (370/414) or (370/415) or (370/416) or (370/417) or (370/418) or (370/419) or (370/422) or (370/426) or (370/428) or (370/429) or (370/464) or (370/465) or (370/466) or (370/469) or (370/474) or (370/475)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:39 |
| L133 | 43 | ((deep) adj ((packet\$1) or (frame\$1))) near2 (process\$3) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L134 | 776 | ((packet\$1) or (frame\$1)) AND ((payload) near1 (process\$3)) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L135 | 505 | ((packet\$1) or (frame\$1)) AND (header) AND ((payload) near1 (process\$3)) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |

EAST Search History

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|------|-------|--|-----------------|----|-----|------------------|
| L136 | 15 | ((packet\$1) or (frame\$1)) AND (header) AND (((payload) near1 (process\$3)) NEAR2 ((compress\$3) or (encrypt\$3) or (filter\$3) or (classif\$7) or (search\$3))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L137 | 703 | (370/394).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:40 |
| L138 | 442 | (370/394).CCLS. | USPAT | OR | OFF | 2006/03/13 04:40 |
| L139 | 26420 | ((Input) adj ((queue\$1) or (buffer\$1) or (memory) or (RAM))) AND ((output) adj ((queue\$1) or (buffer\$1) or (memory) or (RAM))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L140 | 19415 | ((Input) adj ((queue\$1) or (buffer\$1) or (memory) or (RAM))) AND ((output) adj ((queue\$1) or (buffer\$1) or (memory) or (RAM))) AND ((router) or (switch) or (brouter) or (bridge) or ("multiplexer") or ((multiplexing) adj (unit)) or (((packet) or (frame)) adj (forwarding)) or (concentrator) or ((load) adj (balancer))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L141 | 60 | ((Input) adj ((queue\$1) or (buffer\$1) or (memory) or (RAM))) AND ((output) adj ((queue\$1) or (buffer\$1) or (memory) or (RAM))) AND ((router) or (switch) or (brouter) or (bridge) or ("multiplexer") or ((multiplexing) adj (unit)) or (((packet) or (frame)) adj (forwarding)) or (concentrator) or ((load) adj (balancer))) AND ((payload) near1 (process\$3)) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L142 | 23 | ((Input) adj ((queue\$1) or (buffer\$1) or (memory) or (RAM))) AND ((output) adj ((queue\$1) or (buffer\$1) or (memory) or (RAM))) AND ((router) or (switch) or (brouter) or (bridge) or ("multiplexer") or ((multiplexing) adj (unit)) or (((packet) or (frame)) adj (forwarding)) or (concentrator) or ((load) adj (balancer))) AND ((payload) near1 (process\$3)) | USPAT | OR | ON | 2006/03/13 04:40 |
| L143 | 0 | L141 and L137 | USPAT | OR | ON | 2006/03/13 04:40 |

EAST Search History

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|------|-------|---|-----------------|----|-----|------------------|
| L144 | 19415 | ((Input) adj ((queue\$1) or (buffer\$1) or (memory) or (RAM))) AND ((output) adj ((queue\$1) or (buffer\$1) or (memory) or (RAM))) AND ((router) or (switch) or (brouter) or (bridge) or ("multiplexer") or ((multiplexing) adj (unit)) or (((packet) or (frame)) adj (forwarding)) or (concentrator) or ((load) adj (balancer))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L145 | 44 | L144 and L137 | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L146 | 29 | L144 and L138 | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L147 | 15 | L145 not L146 | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L148 | 29 | L144 and L138 | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L149 | 48 | CALVIGNAC-JEAN.in. | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L150 | 36 | PEYRAVIAN-MOHAMMAD.in. | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L151 | 26 | VERPLANKEN-FABRICE.in. | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L152 | 1 | ("6658578").PN. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:40 |
| L153 | 1 | ("6658577").PN. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:40 |
| L154 | 19415 | ((Input) adj ((queue\$1) or (buffer\$1) or (memory) or (RAM))) AND ((output) adj ((queue\$1) or (buffer\$1) or (memory) or (RAM))) AND ((router) or (switch) or (brouter) or (bridge) or ("multiplexer") or ((multiplexing) adj (unit)) or (((packet) or (frame)) adj (forwarding)) or (concentrator) or ((load) adj (balancer))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L155 | 15 | ((packet\$1) or (frame\$1) or (cell\$1)) AND (header) AND (((payload) near1 (process\$3)) NEAR2 ((compress\$3) or (encrypt\$3) or (filter\$3) or (classif\$7) or (search\$3))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |

EAST Search History

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|------|-------|---|--------------------|----|-----|------------------|
| L156 | 44 | ((double) near1 (size\$1)) or ((twice) near1 (size\$1)) adj ((packet) or (frame) or (cell)) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L157 | 128 | (((double) near2 (size\$1)) or ((twice) near2 (size\$1))) adj2 ((packet) or (frame) or (cell))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L158 | 442 | (370/394).CCLS. | USPAT | OR | OFF | 2006/03/13 04:40 |
| L159 | 703 | (370/394).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:40 |
| L160 | 0 | L157 and L159 | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L161 | 0 | L157 and L158 | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L162 | 76 | ((((double) near2 (size\$1)) or ((twice) near2 (size\$1))) adj2 ((packet) or (frame) or (cell))) | USPAT | OR | ON | 2006/03/13 04:40 |
| L163 | 20008 | (((Input) or (reception)) adj ((queue\$1) or (buffer\$1) or (memory) or (RAM))) AND (((output) or (transmission)) adj ((queue\$1) or (buffer\$1) or (memory) or (RAM))) AND ((router) or (switch) or (brouter) or (bridge) or ("multiplexer") or ((multiplexing) adj (unit)) or (((packet) or (frame)) adj (forwarding)) or (concentrator) or ((load) adj (balancer))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L164 | 205 | (((double) or (twice) or ((two) adj (times)) or ("2x") or ("2 x")) near2 ((biggest) or (largest) or (max\$4)) near2 ((packet\$1) or (frame\$1) or (cell\$1) or (size\$1))) | USPAT | OR | ON | 2006/03/13 04:40 |
| L165 | 2 | L164 and L159 | USPAT | OR | ON | 2006/03/13 04:40 |
| L166 | 2 | L164 and L158 | USPAT | OR | ON | 2006/03/13 04:40 |

EAST Search History

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|------|-------|--|--------------------|----|-----|------------------|
| L167 | 20091 | ((370/229) or (370/230) or (370/230.1) or (370/359) or (370/360) or (370/389) or (370/392) or (370/394) or (370/395.1) or (370/395.31) or (370/395.32) or (370/395.5) or (370/395.62) or (370/395.7) or (370/395.71) or (370/396) or (370/397) or (370/398) or (370/399) or (370/400) or (370/409) or (370/410) or (370/412) or (370/413) or (370/414) or (370/415) or (370/416) or (370/417) or (370/418) or (370/419) or (370/422) or (370/426) or (370/428) or (370/429) or (370/464) or (370/465) or (370/466) or (370/469) or (370/474) or (370/475)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:40 |
| L168 | 11 | L164 and L167 | USPAT | OR | ON | 2006/03/13 04:40 |
| L169 | 221 | (((queue\$1) or (buffer\$1) or (memory) or (RAM)) NEAR2 (((double) adj2 (size\$1)) or ("double-sized") or ((twice) adj2 (size\$1)) or ((two) adj2 (times) adj2 (size)) or ("2x") adj2 (times) adj2 (size)) or ("2x") adj2 (size)) or ("2 x") adj2 (times) adj2 (size)) or ("2 x") adj2 (size)) or ("2") adj2 (times) adj2 (size)))) | USPAT | OR | ON | 2006/03/13 04:40 |
| L170 | 0 | L169 and L159 | USPAT | OR | ON | 2006/03/13 04:40 |
| L171 | 0 | L169 and L158 | USPAT | OR | ON | 2006/03/13 04:40 |
| L172 | 4 | L169 and L167 | USPAT | OR | ON | 2006/03/13 04:40 |
| L173 | 221 | (((queue\$1) or (buffer\$1) or (memory) or (RAM)) NEAR2 (((double) adj2 (size\$1)) or ("double-sized") or ((twice) adj2 (size\$1)) or ((two) adj2 (times) adj2 (size)) or ("2x") adj2 (times) adj2 (size)) or ("2x") adj2 (size)) or ("2 x") adj2 (times) adj2 (size)) or ("2 x") adj2 (size)) or ("2") adj2 (times) adj2 (size)))) | USPAT | OR | ON | 2006/03/13 04:40 |

EAST Search History

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|------|-------|--|-----------------|----|-----|------------------|
| L174 | 12115 | ((queue\$1) or (buffer\$1) or (memory) or (RAM)) AND ((((double) adj2 (size\$1)) or ("double-sized") or ((twice) adj2 (size\$1)) or ((two) adj2 (times) adj2 (size)) or (("2x") adj2 (times) adj2 (size)) or (("2x") adj2 (size)) or (("2 x") adj2 (times) adj2 (size)) or (("2 x") adj2 (size)) or (("2") adj2 (times) adj2 (size))) or (((double) or (twice)) adj2 ((buffer\$3) or (memory) or (queue\$3) or (RAM))) or ("double-buffering") or ("double buffering"))) | USPAT | OR | ON | 2006/03/13 04:40 |
| L175 | 6 | L174 and L158 | USPAT | OR | ON | 2006/03/13 04:40 |
| L176 | 218 | L174 and L167 | USPAT | OR | ON | 2006/03/13 04:40 |
| L177 | 6 | L174 and L159 | USPAT | OR | ON | 2006/03/13 04:40 |
| L178 | 205 | (((double) or (twice) or ((two) adj (times)) or ("2x") or ("2 x")) near2 ((biggest) or (largest) or (max\$4)) near2 ((packet\$1) or (frame\$1) or (cell\$1) or (size\$1))) | USPAT | OR | ON | 2006/03/13 04:40 |
| L179 | 37 | (US-20030021269-\$ or US-20030108194-\$).did. or (US-6947430-\$ or US-6467029-\$ or US-6505213-\$ or US-5819290-\$ or US-6651099-\$ or US-6876657-\$ or US-6711357-\$ or US-6351454-\$ or US-6987762-\$ or US-6980553-\$ or US-6901508-\$ or US-6876653-\$ or US-6839346-\$ or US-6781994-\$ or US-6711166-\$ or US-6674744-\$ or US-6977924-\$ or US-6578084-\$ or US-6424659-\$ or US-6335935-\$ or US-6771662-\$ or US-6704794-\$ or US-6683874-\$ or US-6570875-\$ or US-6341127-\$ or US-6775274-\$).did. or (US-7000120-\$ or US-5581748-\$ or US-6092142-\$ or US-6654380-\$ or US-6693905-\$ or US-5136578-\$ or US-5179662-\$ or US-6147996-\$ or US-6831923-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L180 | 1 | ("6658578").PN. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:40 |
| L181 | 1 | ("6658578").PN. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:40 |
| L182 | 131 | ((deep) adj (packet)) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |

EAST Search History

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|------|-----|--|-----------------|----|----|------------------|
| L183 | 0 | ((deep) adj (packet)) AND ((double) adj (buffer)) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L184 | 1 | ((deep) adj (packet)) AND (("20 Kbyte") adj3 ((packet\$1) or (frame\$1) or (cell\$1))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L185 | 0 | ((deep) adj (packet)) AND (("1.5 Kbyte") adj3 ((packet\$1) or (frame\$1) or (cell\$1))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L186 | 0 | ((deep) adj (packet)) AND (("1500 byte") adj3 ((packet\$1) or (frame\$1) or (cell\$1))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L187 | 6 | ((deep) adj (packet)) AND (("OC192") adj3 ((packet\$1) or (frame\$1) or (cell\$1))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L188 | 6 | ((deep) adj (packet)) AND (("OC192") or ("OC48") or ("OC12") or ("SDH")) adj3 ((packet\$1) or (frame\$1) or (cell\$1))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L189 | 216 | (((deep) adj (packet)) or ((header) and (((payload) or (data)) near2 (process\$3)))) AND (("OC192") or ("OC48") or ("OC12") or ("SDH")) adj3 ((packet\$1) or (frame\$1) or (cell\$1))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L190 | 0 | L189 and L159 | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L191 | 0 | L189 and L158 | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L192 | 93 | L189 and L167 | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L193 | 15 | (((deep) adj (packet)) or ((header) and (((payload) or (data)) near2 (process\$3)))) AND (("OC192") or ("OC48") or ("OC12") or ("SDH") or ("SONET")) adj3 ((packet\$1) or (frame\$1) or (cell\$1))) AND (((double) or (twice)) near2 ((queue\$1) or (buffer\$1) or (memory) or (RAM))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |

EAST Search History

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|------|-------|--|-----------------|----|-----|------------------|
| L194 | 17 | (((deep) adj (packet)) or ((header) and (((payload) or (data)) near2 (process\$3)))) AND (("OC192" or ("OC48" or ("OC12" or ("SDH" or ("SONET"))) adj3 ((packet\$1) or (frame\$1) or (cell\$1))) AND (((double) or (twice) or ("two times")) near2 ((queue\$1) or (buffer\$1) or (memory) or (RAM)))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L195 | 625 | (((deep) adj (packet)) or ((header) and (((payload) or (data)) near2 (process\$3)))) AND (("OC192" or ("OC48" or ("OC12" or ("SDH" or ("SONET"))) adj3 ((packet\$1) or (frame\$1) or (cell\$1)))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L196 | 1 | L195 and L159 | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L197 | 0 | L195 and L158 | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L198 | 254 | L195 and L167 | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L199 | 12259 | ((370/229) or (370/230) or (370/230.1) or (370/359) or (370/360) or (370/389) or (370/392) or (370/394) or (370/395.1) or (370/395.31) or (370/395.32) or (370/395.5) or (370/395.62) or (370/395.7) or (370/395.71) or (370/396) or (370/397) or (370/398) or (370/399) or (370/400) or (370/409) or (370/410) or (370/412) or (370/413) or (370/414) or (370/415) or (370/416) or (370/417) or (370/418) or (370/419) or (370/422) or (370/426) or (370/428) or (370/429) or (370/464) or (370/465) or (370/466) or (370/469) or (370/474) or (370/475)).CCLS. | USPAT | OR | OFF | 2006/03/13 04:40 |
| L200 | 145 | L195 and L199 | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L201 | 50 | L195 and L199 and ((double) or (twice) or ("two times")) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L202 | 1 | ("6658578").PN. | US-PGPUB; USPAT | OR | OFF | 2006/03/13 04:40 |

EAST Search History

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|------|-------|--|-----------------|----|-----|------------------|
| L203 | 625 | (((deep) adj (packet)) or ((header) and (((payload) or (data)) near2 (process\$3)))) AND (("OC192" or ("OC48" or ("OC12" or ("SDH" or ("SONET")) adj3 ((packet\$1) or (frame\$1) or (cell\$1)))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L204 | 12259 | ((370/229) or (370/230) or (370/230.1) or (370/359) or (370/360) or (370/389) or (370/392) or (370/394) or (370/395.1) or (370/395.31) or (370/395.32) or (370/395.5) or (370/395.62) or (370/395.7) or (370/395.71) or (370/396) or (370/397) or (370/398) or (370/399) or (370/400) or (370/409) or (370/410) or (370/412) or (370/413) or (370/414) or (370/415) or (370/416) or (370/417) or (370/418) or (370/419) or (370/422) or (370/426) or (370/428) or (370/429) or (370/464) or (370/465) or (370/466) or (370/469) or (370/474) or (370/475)).CCLS. | USPAT | OR | OFF | 2006/03/13 04:40 |
| L205 | 50 | L203 and L204 and ((double) or (twice) or ("two times")) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L206 | 145 | L203 and L204 | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L207 | 57633 | ((buffer) or (queue)) SAME ((double) or (twice) or (((double) or (twice)) near2 (size))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L208 | 17 | ((buffer) or (queue)) SAME ((double) or (twice) or (((double) or (twice)) near2 (size))) SAME ((increased) adj (speed)) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L209 | 419 | ((buffer) or (queue)) SAME ((double) or (twice) or (((double) or (twice)) near2 (size))) AND L204 | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L210 | 419 | ((buffer) or (queue)) SAME ((double) or (twice) or (((double) or (twice)) near2 (size))) AND L204 | USPAT | OR | ON | 2006/03/13 04:40 |

EAST Search History

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|------|---------|--|-----------------|----|-----|------------------|
| L211 | 647 | (((deep) adj (packet)) or ((header) and (((payload) or (data)) near2 (process\$3)))) AND (("OC 192") or ("OC 48") or ("OC 12") or ("SDH") or ("SONET")) adj3 ((packet\$1) or (frame\$1) or (cell\$1))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L212 | 655 | (((deep) adj (packet)) or ((header) and (((payload) or (data)) near2 (process\$3)))) AND (("OC192") or ("OC48") or ("OC12") or ((OC) adj ("192") or ("48") or ("12") or ("1"))) or ("SDH") or ("SONET")) adj3 ((packet\$1) or (frame\$1) or (cell\$1))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L213 | 12 | L210 and L212 | USPAT | OR | ON | 2006/03/13 04:40 |
| L214 | 57633 | ((buffer) or (queue)) SAME ((double) or (twice) or (((double) or (twice)) near2 ((size) or (capacity))))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L215 | 442 | (370/394).CCLS. | USPAT | OR | OFF | 2006/03/13 04:40 |
| L216 | 15 | L214 and L215 | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L217 | 1247441 | ((buffer\$1) or (queue\$1) or (RAM) or (memory) or (FIFO)) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L218 | 1120681 | ((double) or (twice) or ((two) adj (times))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L219 | 1882 | (((max\$4) or (largest) or (biggest) or (widest)) adj2 ((frame\$1) or (packet\$1)) adj2 ((size) or (width) or (capacity))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L220 | 13 | L217 SAME L218 SAME L219 | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |
| L221 | 23 | ((Input) adj ((queue\$1) or (buffer\$1) or (memory) or (RAM))) AND ((output) adj ((queue\$1) or (buffer\$1) or (memory) or (RAM))) AND ((router) or (switch) or (brouter) or (bridge) or ("multiplexer") or ((multiplexing) adj (unit)) or (((packet) or (frame)) adj (forwarding)) or (concentrator) or ((load) adj (balancer))) AND ((payload) near1 (process\$3)) | USPAT | OR | ON | 2006/03/13 04:40 |
| L222 | 128 | ((((double) near2 (size\$1)) or ((twice) near2 (size\$1))) adj2 ((packet) or (frame) or (cell))) | US-PGPUB; USPAT | OR | ON | 2006/03/13 04:40 |